AMENDMENTS TO THE SPECIFICATION

Please amend the published specification as follows.

Please replace paragraph [0076] with the following paragraph:

-- The storage model describing the behaviour of each storage zone takes into consideration that brackish water 65 has a greater density than the injected fresh water. It is therefore taken into consideration that a zone 64 of fresh water has a tendency to float on top of the brackish water 65. The behaviour of the zone 64 of the injected fresh water and the brackish water 65, i. e. the interaction of these zone during an extended period of time and during extraction, may be simulated in a numerical model to obtain the storage model (*e.g.*, using the ECLIPSE reservoir storage model, using the SEAWAT storage model, using the FEFLOW storage model, etc.). --